Словарь данных

Marathon Skills база данных

Страна

KEY	FIELD NAME	DATA TYPE / FIELD SIZE	REQUIRED?	NOTES
PK	CountryCode	CHAR (3)	N	
	CountryName	VARCHAR (100)	N	

Сдача крови

KEY	FIELD NAME	DATA TYPE / FIELD SIZE	REQUIRED?	NOTES
PK	EventId	CHAR (6)	N	
	EventName	VARCHAR (50)	N	
FK	Placeid	CHAR (2)	Y	
	StartDateTime	DATETIME	Y	
	Cost	DECIMAL (10,2)		
	MaxParticipants	SMALLINT		

Пол

KEY	FIELD NAME	DATA TYPE / FIELD SIZE	REQUIRED?	NOTES
PK	Gender	VARCHAR(10)	Y	

Группа крови

KEY	FIELD NAME	DATA TYPE / FIELD SIZE	REQUIRED?	NOTES
PK	Bloodtype	VARCHAR(10)	Y	

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Марафон

KEY	FIELD NAME	DATA TYPE / FIELD SIZE	REQUIRED?	NOTES
PK	MarathonId	TINYINT	Y	
	MarathonName	VARCHAR (80)	Y	
	CityName	VARCHAR (80)		
FK	CountryCode	CHAR (3)	Y	Foreign key to Country
	YearHeld	SMALLINT		

Варианты комплектов

KEY	FIELD NAME	DATA TYPE / FIELD SIZE	REQUIRED?	NOTES
PK	RaceKitOptionId	CHAR (1)	Y	
	RaceKitOption	VARCHAR (80)	Y	
	RaceKitCost	DECIMAL (10, 2)	Y	

Регистрация

KEY	FIELD NAME	DATA TYPE / FIELD SIZE	REQUIRED?	NOTES
PK	RegistrationId	INT	Y	Auto increment
FK	RunnerId	INT	Y	Foreign key to Runner
	RegistrationDateTime	DATETIME	Y	
FK	RaceKitOptionID	CHAR (1)	Y	Foreign key to RaceKitOption
FK	RegistrationStatusID	TINYINT	Y	Foreign key to RegistrationStatus
	Cost	DECIMAL (10,2)	Y	
FK	CharityID	INT	Y	Foreign key to Charity
	SponsorshipTarget	DECIMAL (10,2)	Y	

Регистация на марафон

KEY	FIELD NAME	DATA TYPE / FIELD SIZE	REQUIRED?	NOTES
PK	RegistrationEventId	INT	Y	Auto increment
FK	RegistrationId	INT	Y	Foreign key to Registration
FK	EventId	CHAR (6)	Y	Foreign key to Event
	BibNumber	SMALLINT		
	RaceTime	INT		

Регистрационный статус

KEY	FIELD NAME	DATA TYPE / FIELD SIZE	REQUIRED?	NOTES
PK	RegistrationStatusId	TINYINT	Y	Auto increment
	RegistrationStatus	VARCHAR (80)	Y	

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Роль

KEY	FIELD NAME	DATA TYPE / FIELD SIZE	REQUIRED?	NOTES
PK	RoleId	CHAR (1)	Y	
	RoleName	VARCHAR (50)	Y	

Бегун

KEY	FIELD NAME	DATA TYPE / FIELD SIZE	REQUIRED?	NOTES
PK	RunnerId	INT	Y	Auto increment
FK	Email	VARCHAR (100)	Y	Foreign key to User
	Gender	VARCHAR (100)	Y	
	DateOfBirth	DATETIME		
FK	CountryCode	CHAR (3)	Y	Foreign key to Country

Спонсор

KEY	FIELD NAME	DATA TYPE / FIELD SIZE	REQUIRED?	NOTES
PK	SponsorshipId	INT	Y	Auto increment
	SponsorName	VARCHAR (150)	Y	
FK	RegistrationID	INT	Y	Foreign key to Registration
	Amount	DECIMAL (10,2)	Y	

Пользователь

KEY	FIELD NAME	DATA TYPE / FIELD SIZE	REQUIRED?	NOTES
PK	Email	VARCHAR (100)	Y	
	Password	VARCHAR (100)	Y	
	FirstName	VARCHAR (80)		
	LastName	VARCHAR (80)		
FK	RoleId	CHAR (1)	Y	Foreign key to Role

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Позиция

KEY	FIELD NAME	DATA TYPE / FIELD SIZE	REQUIRED?	NOTES
PK	PositionId	SMALLINT	Y	Auto increment
	PositionName	VARCHAR (50)	Y	
	PositionDescription	VARCHAR (1000)		
	PayPeriod	VARCHAR (10)	Y	
	Payrate	DECIMAL (10,2)	Y	

Персонал

KEY	FIELD NAME	DATA TYPE / FIELD SIZE	REQUIRED?	NOTES
PK	StaffId	INT	Y	Auto increment
	FirstName	VARCHAR (80)	Y	
	LastName	VARCHAR (80)	Y	
	Email	VARCHAR (100)	Y	
	DateOfBirth	DATETIME	Y	
	Gender	VARCHAR (10)	Y	
FK	PostionId	SMALLINT	Y	Foreign key to Position
	Comments	VARCHAR (2000)		

расписание

KEY	FIELD NAME	DATA TYPE / FIELD SIZE	REQUIRED?	NOTES
PK	TimesheetId	INT	Y	Auto increment
FK	StaffId	INT	Y	Foreign key to Staff
	StartDateTime	DATETIME		
	EndDateTime	DATETIME		
	PayAmount	DECIMAL (10,2)		